

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/692,747
Confirmation Number	8887
Filing Date	October 27, 2003
First Named Inventor	Tomoaki TAKAHASHI
Art Unit	3729
Examiner Name	Tai Nguyen
Attorney Docket Number	Q78043

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
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		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁴
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
TN		JP	7-156385		06/20/1995	Fujitsu Ltd.	Yes
TN		JP	9-314836		12/09/1997	Seiko Epson Corp	Yes
TN		JP	9-267489		10/04/1997	Sony Corp	Yes
TN		JP	5-338159		12/21/1993	Seiko Epson Corp	Yes

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴

Examiner Signature

/Tai Nguyen/

Date Considered

08/15/2006

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		Number	Kind Code ² (if known)		
TN ↓ ↓ TN		US 5,008,689		04/16/1991	Pan et al.
		US 4,574,445		03/11/1986	Bentin et al.
		US 4,846,747 A		07/11/1989	Higashinakagawa et al.
		US 5,604,522 A		02/18/1997	Miura et al.
		US 5,963,234 A		10/05/1999	Miyazawa et al.
		US			
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[illegible]

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation*
TN		AN ENCYCLOPEDIA OF METALLURGY AND MATERIALS, C. R. Tottle, page 73 Dictionary of Metallurgy, Colin D. Brown	
TN		Japanes Abstract No. 10193612, dated 07/28/1998	

Examiner Signature

/Tai Nguyen/

Date Considered

08/15/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

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Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
TN		US 6,193,360	B1	02/27/2001	Nishiwaki et al.
		US			
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		
TN		JP	8-187868	A	07/23/1996	Yes
TN		JP	9-314863	A	9/12/1997	
TN		JP	9-033722	A	07/02/1997	Yes
TN		JP	8-166580	A	06/25/1996	Yes

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

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